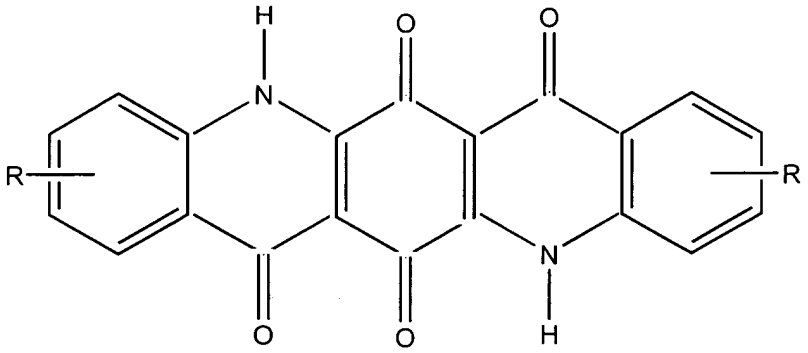
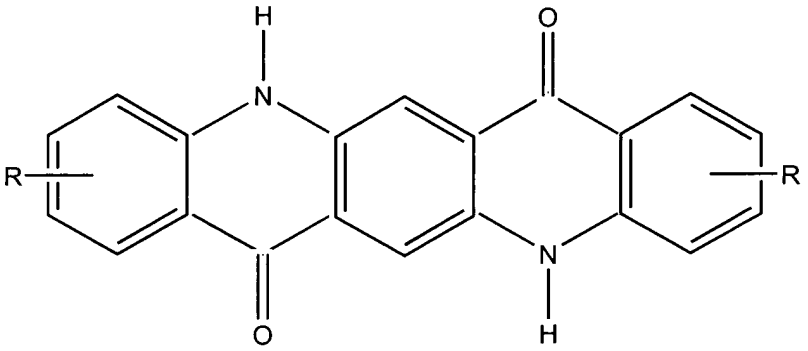
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the above-identified application:

1 (currently amended). A process for preparing a quinacridonequinone of the formula



wherein each R substituent is independently selected from hydrogen, halogen, a C_1 - C_{10} -alkoxy, a C_1-C_{10} -alkyl, a substituted phenyl, and unsubstituted phenyl; comprising oxidizing, in the presence of a liquid medium and ~~a non-metal~~ an oxidant selected from the group consisting of persulfuric acid, persulfuric acid salts, persulfuric acid derivatives, and combinations thereof, a quinacridone of the formula



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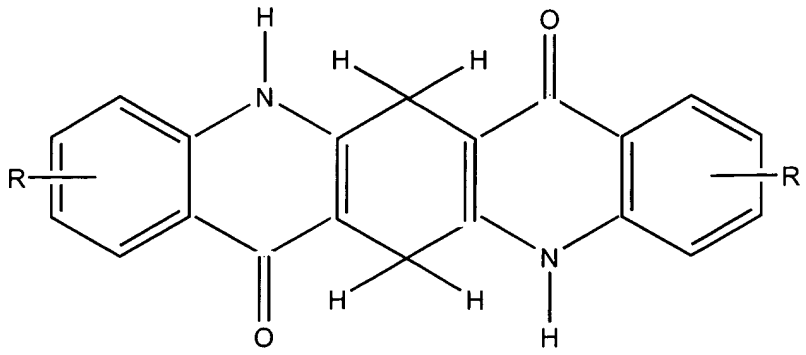

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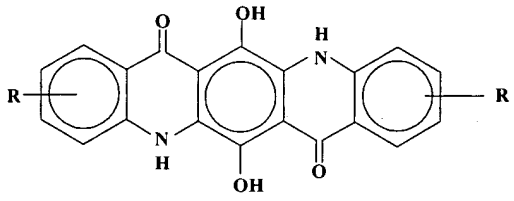

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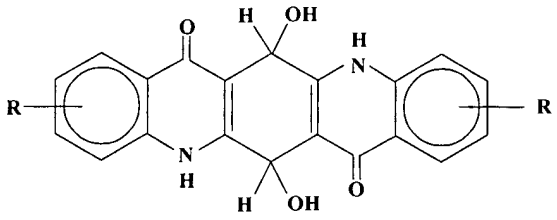


wherein each R substituent is independently selected from hydrogen, halogen, a C_1 - C_{10} - alkoxy, a C_1-C_{10}-alkyl, a substituted phenyl and unsubstituted phenyl.

2. The process of claim 1, wherein each R substituent is a methyl group.

3. The process of claim 1, wherein each R substituent is a methoxy group.

4. The process of claim 1, wherein each R substituent is hydrogen.

5. The process of claim 1, wherein each R substituent is chlorine.

6 (currently amended). The process of claim 1, wherein said liquid medium is selected from the group consisting of water, organic solvents,[[or]] inorganic solvents ~~such as sulfuric acid, polyphosphoric acid, phosphoric acid, and acetic acid~~, and combinations thereof.

7. The process of claim 6, wherein said liquid medium is water.

8. The process of claim 6, wherein said liquid medium is sulfuric acid.

9. The process of claim 1, wherein said non-metal oxidant is selected from the group consisting of persulfuric acids, persulfuric acid salts, and combinations thereof.

10. The process of claim 9, wherein said non-metal oxidant is persulfuric acid.

11. The process of claim 9, wherein said non-metal oxidant is a persulfuric acid salt.

12. The process of claim 11 wherein said persulfuric acid salt is a peroxydisulfuric acid salt.

13. The process of claim 12, wherein said peroxydisulfuric acid salt is selected from the group consisting of sodium peroxydisulfate, potassium peroxydisulfate, ammonium peroxydisulfate, and combinations thereof.

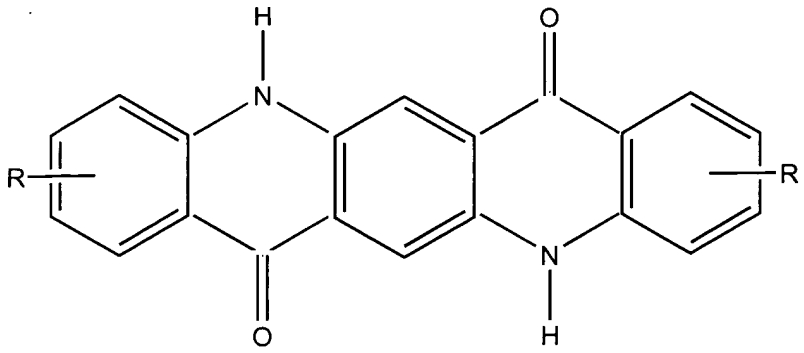
14. The process of claim 13, wherein said peroxydisulfuric acid salt is sodium peroxydisulfate.

15. The process of claim 1 further comprising oxidizing the quinacridone at temperatures ranging from about room temperature to about 85°C.

16. The process of claim 15, wherein the temperature ranges from about 40°C to about 85°C.

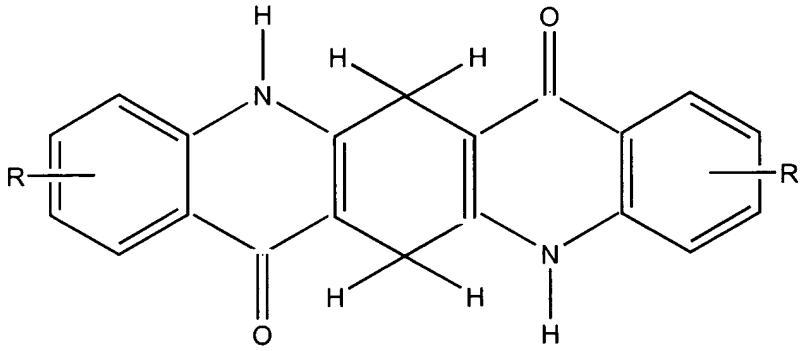
17. The process of claim 15, wherein the temperature ranges from about 55°C to about 65°C.

18 (currently amended). The process of claim 15 wherein the quinacridone is of the formula



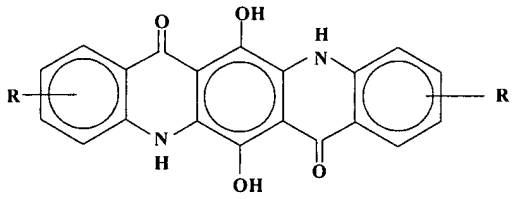
wherein each R substituent is independently selected from hydrogen, halogen, a C_1 - C_{10} - alkoxy, a C_1-C_{10}-alkyl, a substituted phenyl and unsubstituted phenyl; [[and]]the non-metal oxidant is sodium peroxydisulfate; and oxidizing temperature ranges from about 55°C to about 65°C.

19 (currently amended). The process of claim 15 wherein the quinacridone is of the formula



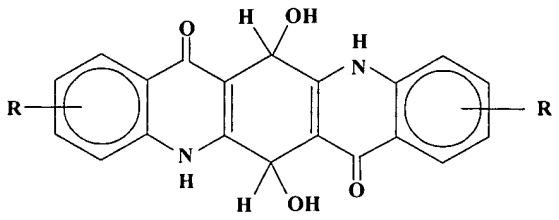
wherein each R substituent is independently selected from hydrogen, halogen, a C_1 - C_{10} - alkoxy, a C_1-C_{10}-alkyl, a substituted phenyl and unsubstituted phenyl; [[and]] the non-metal oxidant is sodium peroxydisulfate; and oxidizing temperature ranges from about 55°C to about 65°C.

20 (currently amended). The process of claim 15 wherein the quinacridone is of the formula



wherein each R substituent is independently selected from hydrogen, halogen, a C_1 - C_{10} - alkoxy, a C_1-C_{10}-alkyl, a substituted phenyl and unsubstituted phenyl; [[and]]the non-metal oxidant is sodium peroxydisulfate; and oxidizing temperature ranges from about 55°C to about 65°C.

21 (currently amended). The process of claim 15 wherein the quinacridone is of the formula

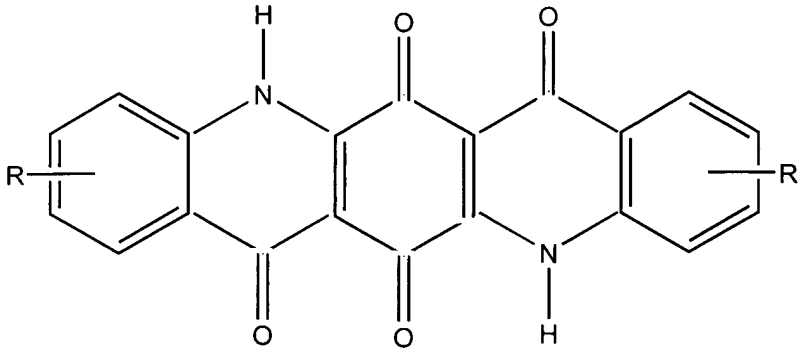


wherein each R substituent is independently selected from hydrogen, halogen, a C_1 - C_{10} - alkoxy, a C_1-C_{10}-alkyl, a substituted phenyl and unsubstituted phenyl; [[and]] the non-metal oxidant is sodium peroxydisulfate; and oxidizing temperature ranges from about 55°C to about 65°C.

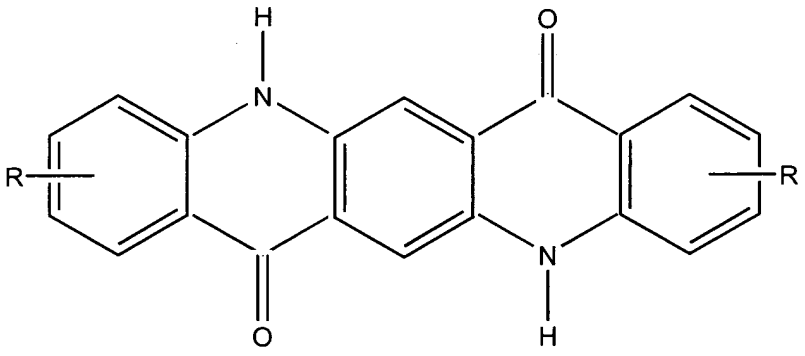
22. A quinacridonequinone prepared by the process of Claim 1.

23. A quinacridonequinone prepared by the process of Claim 15.

24 (currently amended). A process for improving purity of a quinacridonequinone of the formula



wherein each R substituent is independently selected from hydrogen, halogen, a C_1 - C_{10} -alkoxy, a C_1-C_{10} -alkyl, a substituted phenyl, and unsubstituted phenyl; comprising oxidizing, in the presence of a liquid medium and a non-metal oxidant, a quinacridone of the formula



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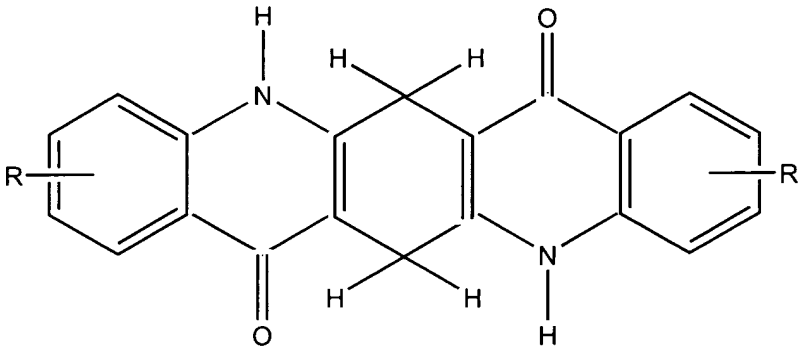

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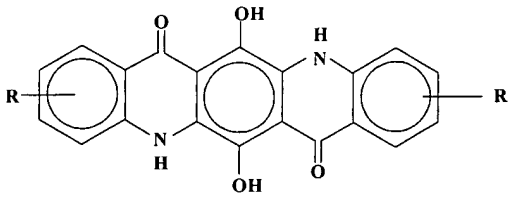

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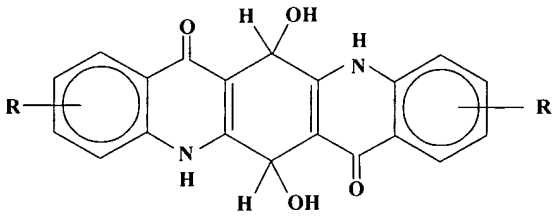

wherein each R substituent is independently selected from hydrogen, halogen, a C_1 - C_{10} - alkoxy, a C_1-C_{10}-alkyl, a substituted phenyl and unsubstituted phenyl.

25 (new). The process of claim 6, wherein the inorganic solvents are selected from the group consisting of polyphosphoric acid, phosphoric acid, acetic acid, and combinations thereof.